

STRATEGIES FOR SECURING AND FURTHER DEVELOPING AI EXPERTISE: MEASURES TO AVOID A SHORTAGE OF SKILLED WORKERS IN THE ARTIFICIAL INTELLIGENCE INDUSTRY

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ABSTRACT

The need for talented experts within the industry has expanded essentially due to the blast of artificial intelligence (AI) innovation. All things considered, an abilities gap poses a risk to the development and advancement of the AI division and encompasses a noteworthy effect on companies and economies around the world. Because the supply of AI specialists is not sufficient to meet demand. With a focus on the European context, this research examines methods for learning and improving understanding of artificial intelligence in order to prevent a skills gap in this area. The report highlights key challenges and barriers to addressing the skills shortage and offers solutions. In addition, it addresses global best practices and offers suggestions to companies, governments and academic institutions on how to find, develop and retain talent in the AI industry. In order to prevent a skills deficit in the field of AI and to ensure a qualified AI workforce in the long term, the research topic asks what proactive measures can be taken in Europe. The literature study examines the reasons for the skills shortage in various parts of the world and the evolving international shortage of AI knowledge. It also examines strategies that have been proposed or implemented to gain sufficient AI experience. The results of this study will back the creation of a strong and economical AI workforce in Europe, prepared to meet modern challenges and drive advancement and financial advancement.

Keywords: AI, Artificial insights, AI skills deficiency, human assets advancement, education frameworks.